

EXHIBIT E

PATENT

Atty Docket No. 1004289.583US

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Claims:

1. A method comprising:
 - storing an association between a user notification and an event;
 - 5 detecting the event by an apparatus;
 - detecting movement of an external object in a range outside the apparatus in response to the detected event; and
 - determining characteristics of the user notification based on the step of detecting movement.
- 10 2. A method of claim 1, further comprising:
 - detecting direction of the movement of the external object.
3. A method of claim 2, wherein the direction of the movement of the external
15 object is detected to be one of the following: approaching and moving away.
4. A method of claim 1, wherein the event is selected from a group consisting of:
 - an incoming call;
 - 20 an incoming mail;
 - a received short message;
 - a calendar alarm;
 - a missed call;
 - an unread short message; and
 - 25 an updated news feed.
5. A method of claim 1, wherein the user notification is selected from a group consisting of:
 - a sound signal;
 - 30 a vibration signal;
 - a light signal; and
 - a text displayed on a display of the apparatus.

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6. A method of claim 5, characteristics of the user notification is selected from a group consisting of:

- a volume of the sound signal;
- a strength of the vibration signal;
- 5 an availability of the light signal; and
- an availability of the text displayed.

7. A method of claim 1, wherein

the event is an incoming call to the apparatus;

10 the user notification is a ringing tone;

the characteristics of the user notification is a volume of the ringing tone;

and the method further comprising:

- decreasing the volume of the ringing tone in response to the
- detected approaching movement of the external object in the range outside
- 15 the apparatus.

8. A method of claim 7, further comprising:

extending time for diverting the incoming call to a voicemail of the user in
response to the detected approaching movement of the external object in the
20 range outside the apparatus.

9. A method of claim 7, further comprising:

displaying caller identification on a display of the apparatus in response to
the detected approaching movement of the external object in the range outside the
25 apparatus.

10. A method of claim 1, further comprising:

in response to not detecting movement of the external object in the range
outside the apparatus, increasing the range for detecting movement.

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11. A method of claim 1, further comprising:

detecting movement of the apparatus in response to the detected event.

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12. A method of claim 11, further comprising:
determining the range outside the apparatus in response to the detected movement of the apparatus.
- 5 13. An apparatus comprising:
a movement detector configured to detect movement of an external object in a range outside the apparatus;
at least one processor; and
at least one memory including computer program code, the at least one
10 memory and the computer program code being configured to, with the at least one processor, cause the apparatus at least to perform:
store an association between a user notification and an event;
detect the event;
detect the movement of the external object in response to the
15 detected event; and
determine characteristics of the user notification based on the step of detecting movement.
14. The apparatus of claim 13, wherein the at least one memory and the
20 computer program code are configured to, with the at least one processor, cause the apparatus to further perform:
detect direction of the movement of the external object.
15. The apparatus of claim 13, wherein the event is selected from a group
25 consisting of:
an incoming call;
an incoming mail;
a received short message;
a calendar alarm;
30 a missed call;
an unread short message; and
an updated news feed.

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16. The apparatus of claim 13, wherein the user notification is selected from a group consisting of:

- 5 a sound signal;
- a vibration signal;
- a light signal; and
- a text displayed on a display of the apparatus.

17. The apparatus of claim 16, wherein the characteristics of the user notification is selected from a group consisting of:

- 10 a volume of the sound signal;
- a strength of the vibration signal;
- an availability of the light signal; and
- an availability of the text displayed.

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18. A computer program embodied on a computer readable medium comprising computer executable program code which, when executed by at least one processor of an apparatus, causes the apparatus to:

- 20 store an association between a user notification and an event;
- detect the event;
- detect the movement of the external object in response to the detected event; and
- determine characteristics of the user notification based on the step of detecting movement.

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